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WHAT IS CLAIMED IS:

1. In an online messaging system supporting transmission of attachments, a method for automatically processing messages containing attachments, the method comprising:

specifying a preference for formatting attachments that accompany messages; receiving a particular message having a particular attachment; removing the particular attachment from the particular message; inserting a link into the particular message, said link capable of referencing the particular attachment that has been removed;

delivering the particular message to an intended recipient; and in response to invocation of the link by the intended recipient, retrieving a copy of the particular attachment that is automatically formatted based on the specified preference.

- 2. The method of claim 1, wherein the preference is associated with a particular user.
- 3. The method of claim 1, wherein the preference is associated with a particular device of a user.
- 4. The method of claim 1, wherein said online messaging system comprises an e-mail messaging system.
 - 5. The method of claim 1, wherein said attachment includes media objects.
- 6. The method of claim 5, wherein said media objects comprise selected ones of audio content, video content, images, and documents.

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- 7. The method of claim 1, wherein said preference includes specifying that attachments which comprise images be formatted to a particular resolution.
- 8. The method of claim 1, wherein said preference includes specifying that attachments which comprise images be transformed from one file format to another.
- 9. The method of claim 1, wherein said step of receiving a particular message includes:

 receiving the particular message at an SMTP server.
- 10. The method of claim 9, wherein said step of removing the particular attachment occurs at said SMTP server.
- 11. The method of claim 9, wherein said step of removing the particular attachment occurs after processing by the SMTP server.
- 12. The method of claim 1, wherein said particular message includes a MIME attachment.
- 13. The method of claim 12, wherein said MIME attachment includes media objects.
- 14. The method of claim 12, wherein said MIME attachment includes digital images.
- 15. The method of claim 1, wherein said link comprises a Uniform Resource Locator (URL) referencing said attachment that has been removed.

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- 16. The method of claim 1, wherein the copy of the particular attachment is automatically formatted when a request is received to retrieve the particular attachment.
- 17. The method of claim 1, wherein the copy of the particular attachment is automatically formatted when the particular attachment is removed from the particular message.
- 18. The method of claim 1, wherein copies of attachments that are removed are stored in a network repository.
- 19. The method of claim 1, wherein said formatting includes converting objects within an attachment from one format to another type of format.
- 20. The method of claim 1, wherein said formatting includes decreasing the size of objects within an attachment.
- 21. The method of claim 20, wherein said decreasing the size of objects includes transforming the objects to a lower resolution.
- 22. The method of claim 21, wherein said decreasing the size of objects includes transforming the objects from color to monochromatic.
- 23. The method of claim 1, wherein formatted copies of objects within the particular attachment are stored in a network repository.
- 24. The method of claim 23, wherein said network repository is accessible by a Web browser for shared access among multiple participants.

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- 25. The method of claim 1, wherein said particular attachment includes JPEG-formatted digital images.
- 26. In an online system, a method for providing digital images to target devices, the method comprising:

receiving a message having one or more attached objects;

detaching said objects from said message;

automatically transforming copies of said objects to a resolution fidelity that is more useful to said target devices;

for each detached object, generating a reference allowing retrieval of a transformed copy of the detached object; and

delivering the message to the target devices, the message including said generated reference for each detached object.

- 27. The method of claim 26, wherein said transforming step includes converting copies of said objects to another type of format.
- 28. The method of claim 26, wherein said transforming step includes decreasing the size of the copies of said objects.
- 29. The method of claim 28, wherein the step of decreasing the size of said objects includes transforming the objects to a lower fidelity.
- 30. The method of claim 26, wherein transformed copies of said objects are stored in a network repository.
 - 31. The method of claim 26, wherein said objects comprise digital images.

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- 32. The method of claim 31, wherein said digital images are stored in JPEG format.
- 33. The method of claim 26, wherein said reference includes a Uniform Resource Locator (URL) for referencing a transformed copy of a detached object.
- 34. In an online system, a method for providing a particular target device with a digital image optimally formatted for that particular target device:

specifying a device type for the particular target device;

based on the specified device type, determining device capabilities for the particular target device;

before delivery of digital images to the particular target device, automatically transforming said digital images to an optimal format for the particular target device; and delivering said transformed digital images to the particular target device.

- 35. The method of claim 34, wherein said step of specifying a device type includes:

 allowing user specification of a device type for the particular target device.
- 36. The method of claim 35, further comprising:

 providing a Web browser interface allowing user specification of a device type for the particular target device.
- 37. The method of claim 34, wherein said step of specifying a device type includes:

 querying the particular target device for determining its device type.
- 38. The method of claim 34, wherein said device capabilities include communication bandwidth available to the particular target device.

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- 39. The method of claim 34, wherein said device capabilities include display capabilities available to the particular target device.
- 40. The method of claim 34, wherein said optimal format includes an optimal image size.
- 41. The method of claim 34, wherein said optimal format includes an optimal image resolution.
- 42. The method of claim 34, wherein said optimal format includes an optimal image file format for the particular target device.
 - 43. The method of claim 34, further comprising: allowing a given user to specify a plurality of target devices.
- 44. The method of claim 43, wherein said determining device capabilities includes:

determining a least common denominator among the plurality of target devices specified by the user.

- 45. The method of claim 43, wherein said least common denominator comprises an image file format that is compatible with the plurality of target devices specified by the user.
- 46. An e-mail system for providing e-mail having attachments, the system comprising:

an e-mail server for receiving a particular e-mail message having an attachment, the particular e-mail message being addressed to a recipient having a target device capable of receiving e-mail, the attachment including one or more objects;

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a transformation module for transforming the objects of the attachment to a desired format, based on capabilities of the target device; and

a retrieval module allowing retrieval of the transformed objects, in response to invocation of at least one reference.

- 47. The system of claim 46, wherein the attachment of the particular e-mail message comprises a MIME attachment.
- 48. The system of claim 47, wherein the MIME attachment includes one or more digital images.
- 49. The system of claim 46, wherein said e-mail server comprises an SMTP server.
- 50. The system of claim 46, wherein said attachment processing module operates as a plug-in module to said e-mail server.
- 51. In an online messaging system supporting transmission of attachments, a method for automatically processing messages containing attachments, the method comprising:

specifying a preference for formatting attachments that accompany messages; receiving a particular message having a particular attachment;

removing the particular attachment from the particular message;

inserting a copy of the particular attachment that is automatically formatted based on the specified preference; and

delivering the particular message to an intended recipient.